

Abstract of the Disclosure

The present invention relates to adaptive interconnect logic, which is adapted to communicate with various types of modules that are plugged into the interconnect logic, and to automatically configure itself to interact with the various modules. For each module interface, the interconnect logic can take on different interface personalities for facilitating communications via the data path. Preferably, the interconnect logic will automatically configure itself to provide the appropriate layer or physical and media access control layers, to effectively communicate with computer premise equipment via the modules. The interface personality will define pin functionality, signal levels, acceptable protocols, and the like. In general, the interconnect logic provides a universal translator between a control system associated with the access equipment and the various modules, which need to be plugged into the access equipment.